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(WO/2005/005645) NEGATIVE STRAND RNA VIRUS REPLICON

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Claims

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Description

20.01.2005

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Chapter 2 Demand Filed: 25.02.2005

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Biblio, Data

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Priority Data: 60/478,521 13.06.2003 US

NEGATIVE STRAND RNA VIRUS REPLICON Title:

The present invention relates to non-cytopathic Abstract:

negative-strand RNA virus replicons, and methods of

making and using the replicons and replicon

systems.



Documents

States:

Designated AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, ŁK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL,

PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,

ZA, ZM, ZW.

African Regional Intellectual Property Org. (ARIPO) (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL,

SZ, TZ, UG, ZM, ZW)

Eurasian Patent Organization (EAPO) (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM)

European Patent Office (EPO) (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,

IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR)

African Intellectual Property Organization (OAPI) (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,

MR, NE, SN, TD, TG).

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C12N C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ, EMBASE

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citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
OOMENS A G P ET AL: "Infectivity of a human respiratory syncytial virus lacking the SH, G, and F proteins is efficiently mediated by the vesicular stomatitis virus G protein." JOURNAL OF VIROLOGY, vol. 77, no. 6, March 2003 (2003-03), pages 3785-3798, XP002301668 ISSN: 0022-538X abstract; figure 1; results; discussion; -/	1,4-8, 13, 16-20, 24-29,31

A differ documents are listed in the continuation of box C.	X Patent family members are listed in annex.
Special categories of cited documents:	
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"P" document published prior to the international filing date but later than the priority date claimed	in the art.
	"&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
20 October 2004	08/11/2004

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Sommer, B

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European Patent Office, P.B. 5818 Patentlaan 2

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International Application No PCT/US2004/018783

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category ' Relevant to claim No. X TECHAARPORNKUL S ET AL: "Functional 1,7,8, analysis of recombinant respiratory 13, syncytial virus deletion mutants lacking 16-20, the small hydrophobic and/or attachment 24-27 glycoprotein gene" JOURNAL OF VIROLOGY, vol. 75, no. 15, August 2001 (2001-08), pages 6825-6834, XP002301669 ISSN: 0022-538X Y abstract; figure 1; results, discussion; 1-32 X WO 03/025570 A (DNAVEC RES INC; HASEGAWA 1,4-6, MAMORU (JP); IIDA AKIHIRO (JP); INOUE 13, MAKOTO) 27 March 2003 (2003-03-27) 16-20, 26,27,31 Υ claims; figures 2,33; examples 1,20 1-32 & EP 1 437 593 A (DNAVEC RES INC) 14 July 2004 (2004-07-14) X WO 03/029274 A (PICKLES RAYMOND J ; RUSH 1,2,4-9, PRESBYTERIAN ST LUKE (US); UNIV NORTH 13, CAROLIN) 10 April 2003 (2003-04-10) 16-21, 24-27,31 Υ page 17, line 28 - page 25, line 23; 1-32 claims Υ WO 01/19853 A (HOLLANDER ANTHONY PETER: 1-32 UNIV SHEFFIELD (GB); BARKER MICHAEL DAVID (G) 22 March 2001 (2001-03-22) page 11, line 17 - line 27; claims

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Information on patent family members



International Application No PCT/US2004/018783

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 03025570	Α	27-03-2003	CA	2460778	A1	27-03-2003
			EP	1437593	A1	14-07-2004
			WO	03025570	A1	27-03-2003
			US	2003170266	A1	11-09-2003
			US	2003166252	A1	04-09-2003
			US	2002169306	A1	14-11-2002
·			US	2003022376	A1	30-01-200
EP 1437593	Α	14-07-2004	CA	2460778	A1	27-03-200:
			ΕP	1437593	A1	14-07-200
			US	2003170266	A1	11-09-200
			US		A1	04-09-200
			WO	03025570	A1	27-03-200
			US	2002169306	A1	14-11-200
			US	2003022376	A1	30-01-200
WO 03029274	Α	10-04-2003	EP	1438399	A2	21-07-2004
			WO	03029274	A2	10-04-200
WO 0119853	Α	22-03-2001	AU	7300300	A	17-04-2001
			WO	0119853	A2	22-03-2001